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Point closures in the unitary dual of L^1-algebras of low-dimensional groups

Let G be an exponential Lie group, denote by $L^1(G)$ its convolution algebra of integrable functions and by $C^*(G)$ its group C^*-algebra. We study the following question: Does the inclusion $\ker\tau \subset \ker\sigma$, for any irreducible involutive representation τ, σ of $L^1(G)$, imply the corresponding inclusion for the corresponding representations of $C^*(G)$? Until now, no counterexample is known; actually, the answer is affirmative for all groups of dimension smaller than seven and for a large portion of the sevendimensional groups.